

Converting Colors

Hex(486748)

Have a look what the booklet for
Hex(486748) contains.

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Color

Hex(486748)

Conversions

Conversions Part 1

Format	Color
Hex	486748
RGB	72, 103, 72
RGB Percent	28%, 40%, 28%
CMY	0.7176, 0.5961, 0.7176
CMYK	0.30, 0.00, 0.30, 0.60
HSL	120°, 18%, 34%
HSV	120°, 30%, 40%
XYZ	8.6924, 11.5461, 7.9014
YIQ	90.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

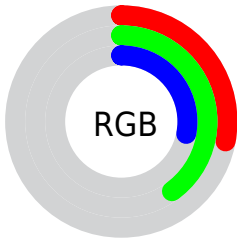
Format	Color
R_{YB}	72, 103, 103
Decimal	4745032
CIE _{Lab}	40.49, -18.20, 13.97
CIE _{LCh}	40, 22.943, 142.498
Yxy	11.5461, 0.3089, 0.4103
Android (android.graphics.Color)	4282935112 (0xFF486748)
YUV	90.1970, -8.9711, -15.9588
Hunter-Lab	33.9795, -13.8014, 9.9988




Details

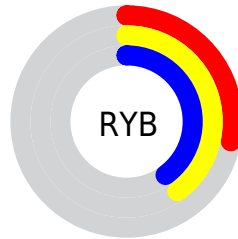
The Hex color **486748** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **674867**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **799A79**, and **1A381C** is the 20% darker color. If you saturate the color by 10%, you get **3E673E**, and if you desaturate by 10%, it is **526752**.

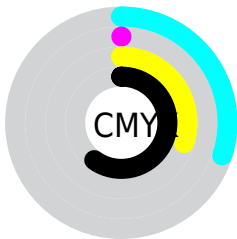
Distribution







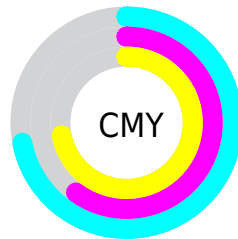
-  Red (28%)
-  Green (40%)
-  Blue (28%)






-  Red (28%)
-  Yellow (40%)
-  Blue (40%)



-  Cyan (30%)
-  Magenta (0%)
-  Yellow (30%)
-  Black (60%)



-  Cyan (72%)
-  Magenta (60%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486748 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 486748 by changing the saturation by 10% instead.



486748



486748

FFFFFF



314F31



799A79



1A381C



93B592



052203



AED1AD



000300



CAEDC8



000000



E6FFE5



486748



486748



3E673E



526752



336733



5D675D

■ 296729

■ 676767

■ 1F671F

■ 716771

■ 156715

■ 7C677C

■ 0A670A

■ 866786

■ 006700

■ 906790

■ 9A679A

■ A567A5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5E633C



486748



31695A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



486748



3E6384



845252

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



486748



674867

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



815165



486748



5B5C82

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



486748



21677D



735676



7E5642

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



486748



226A67



735676



845158

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



486748



7B877B



676748



3D453D



C4C4C4



454545

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



486748



568756



486758



2E332E



007300



00F200

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



674867



875687



674858



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 486748 looks on a white background.

Color Contrast Check

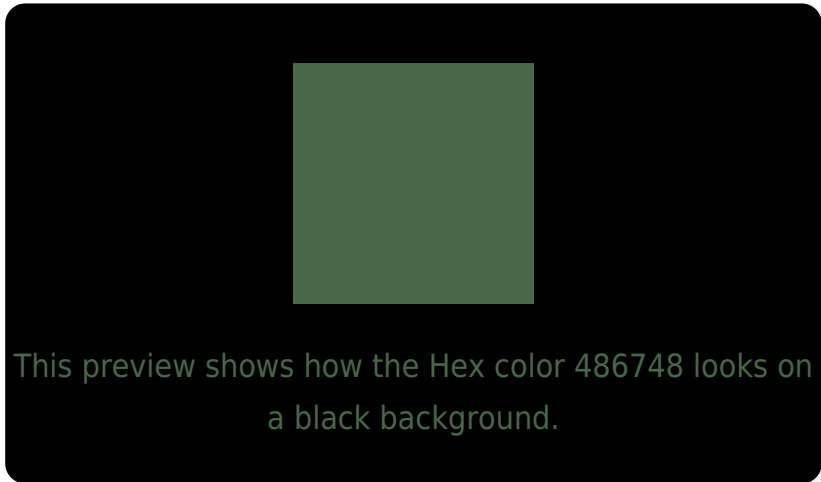
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

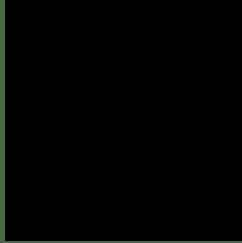
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 486748 Background



This preview shows how black text looks on a background with the Hex color 486748.



This preview shows how white text looks on a background with the Hex color 486748.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
486748

Protanopia
665F45

Deuteranopia
6F5B4B



Tritanopia
4E636A

Trichromacy



Original Color
486748

Protanomaly
5B6246

Deuteranomaly
615F4A

Tritanomaly
4C645E

Monochromacy



Original Color
486748

Achromatopsia
5A5A5A

Achromatomaly
535F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 486748 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #486748 looks like.

```
.text, #text, p{  
    color:#486748  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #486748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486748  
}
```

Border

The CSS property to change the border of an element to Hex 486748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#486748 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#486748 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #486748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486748; -webkit-box-shadow:4px 4px  
4px 4px #486748; box-shadow:4px 4px 4px  
4px #486748 }
```

Background

The CSS property to change the background color of an element to Hex 486748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486748 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#486748 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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